

STATE OF CALIFORNIA
Base Year Modification Request Certification
Part I: Generation Study - No Extrapolation Diversion Data
Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

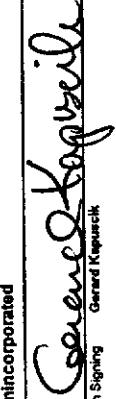
Please select the ONE choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6198.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name	County Ventura Ventura		
Ventura County - Unincorporated	Title Manager, Information and Technology Division		
Authorized Signature	 Gerald Kepnerick		
Type/Print Name of Person Signing	Date	123/16/1	Phone (65) 244-4241
Person Completing This Form (please print or type)		Title Analyst	
Affiliation:	Ventura County Solid Waste Management Department		
Mailing Address	City	State	ZIP Code
600 S. Victoria Ave. #1650	Ventura	CA	93009
E-mail Address	david.goldstein@mail.co.ventura.ca.us		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	Section II: Information for New Generation-Based Study for Existing or New Base Year																																
2	Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").																																
3	Note: New base years must be representative of a jurisdiction's disposal and diversion.																																
4	1. Current Board-approved existing base year:													2. Proposed new generation-based study year:																			
5	1995													2000																			
6	3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:																																
7	Inert diversion and large generator data were average over 3 years (or 2 if data unavailable). DRS tracking and quarterly hauler reports to SWMD also show consistency with previous years. In cases where ranges of weights were offered in the CIWMB's Diversion Study Guide, the SWMD used lower figures.																																
8																																	
9																																	
10																																	
11	4. Enter diversion rate information below.																																
12	Diversion rate calculated using existing base year													Diversion rate calculated using new generation-based study														b.	59 %				
13	For existing base year pounds/person/day based on generation													For new generation based study pounds/person/day based on generation														15					
14	Residential	Non-Residential	generation	47 %	generation	53 %	Residential	Non-Residential	generation	34% %	generation	66% %																					
15	Population existing generation-based study 86520													Population new generation-based study 93600																			
16	5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).																																
17	The diversion rate is significantly higher due primarily to four factors. First, the Ventura County Solid Waste Management Department (SWMD) measured many more elements of the waste stream than in previous reports. Second, the rules for quantifying restricted wastes, including inert material, have changed since the previous SWMD study. Third, the SWMD was able to document misallocations and make corrections to figures previously reported through the Disposal Reporting System (DRS). Finally, the SWMD has implemented and expanded many diversion programs since the previous base year quantification. These factors are detailed in the following question (#6), and program improvements, expansions, and initiatives are detailed in PARIS program descriptions.																																
18																																	
19	This new base year reflects how the various programs have helped the County meet the diversion mandates of AB939. Moreover, using the adjustment method from the existing base year may not be as accurate for the unincorporated area of Ventura County (UA) as it is for other jurisdictions. Local land-use planning policy guides toward the cities those types of development that register on the adjustment indexes such as pounds-per-person-per-day, or sales taxes. While local cities develop more residential development and businesses with taxable sales, the UA develops more institutions. These institutions grow in terms of jail inmates, Youth Authority wards, National Guard Reservists (one weekend per month), and students. Their growth increases disposal and recycling in the UA, but their growth factors are not accounted for in the traditional base year adjustment method indexes.																																
20	6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)																																
21	The diversion rate in our year 2000 Annual Report is significantly different from our previous annual reports, which involved more limited measurements. Using the DSG, we measured more elements of our waste stream and measured them more accurately than ever before. Additionally, for the first time, the SWMD was able to obtain from disposal facilities lists of tons per customer per quarter. This enabled us to analyze many aspects of waste flow and discover several discrepancies. The major issues we discovered involved differences between hauler's quarterly reports to the SWMD and facilities' quarterly reports of tonnage received from haulers. Using these data, we were able to determine several misallocations, involving tens of thousands of tons (both diversion and disposal) incorrectly attributed to the unincorporated areas. The difference between the two rates is also due to the numerous programs that have been put in place by the County. The County has implemented and expanded numerous diversion programs, as described in considerable detail in our PARIS program entries.																																

7. Disposal Tonnage (enter values):

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

- a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmbc.ca/gov/GCentral/Forms/ytfnmdrq.doc)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmbc.ca/gov/GCentral/Forms/ytfnmdrq.doc)

B. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested. In tables A.1 through A.8, list the type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all initial calculations). If any diversion is from restricted wastes, attach documentation to support the diversion claim. If any diversion is from survey forms, attach documentation to support the diversion claim. If any diversion is from restricted wastes, attach documentation to support the diversion claim.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Division Activity		Active Item	Relative Pandece to Total Generation	Specific Material Types List operation with multiple materials in one box)	Specific Conservation Factor used if any anti source	Type of Record and Location of Record
Please use the Board's program types The program type glossary is online at www.ciwmib.ca.gov/CentralPanics/CoJesReduce.htm	(A)	(Actual Generation)				
Residential Source Reduction Activities						
Backyard composting				297.72 lbs per year of grass and leaves per single-family household based on 27,024 single-family households (1998) and 4,023 tons of leaves and grass in UVC (1999) on CIWMIB web site.	Green waste exemption forms on file at the BCSWMD. This figure included totals for only the 1,222 residents who have obtained an exemption from yard waste collection service. It does not include backyard composting done by residents who still subscribe to curbside yardwaste collection service.	Records on file at BCSWMD.
Grassrecycling						
Other Residential Source Reduction (list each program separately)						
Habitat for Humanity ReStore				18,333 pounds (scale weights of every item) taken September 2001; revenue that month \$14,732. Same percent per ton applied to 2000 revenue of \$8,785 = 3.5 tons per month.	Construction items (e.g., doors, windows, furniture, etc.)	Records on file at VCSWMD.
Enter program name		42	0.0%			
Enter program name			0.0%			
Enter program name			0.0%			
Enter program name			0.0%			
Subtotal Residential Source Reduction		224	0.1%			
Residential Recycling Activities						
Curbside Recycling				Glass and plastic bottles, aluminum and steel cans, newspaper, cardboard, mixed paper, magazines, phone books, chip board	Actual scale weights provided by haulers	Hauler quarterly reports on file with SWMD.
Buyback Centers		8760	3.4%			Letter from Department of Conservation on file at SWMD.
Drop-off Centers		989	0.4%	Only CRV commingled beverage containers	Actual scale weights provided by centers to Department of Conservation for payments, reported to SWMD	

**Board Meeting
December 10-11, 2002**

Division/Activity	Actual Tons	Total Generation	Relative Percent to Specific Treatment Type	List operation w/multiple materials in one box	Specific Composting Factor (list item and source)	Type of Record and location of Record
Please use the Board's program types. The program type glossary is online at: www.wrbib.ca.gov/l/GCentral/Parts/Co des/Reduce.htm						
Other Residential Recycling (list each program separately)						
Enter program name						
Enter program name						
Enter program name						
Enter program name						
Subtotal, Residential Recycling	8749	3.3%				
Residential Composting Activities						
Green Waste Drop-off	11278	4.3%	Greenwaste			Tonnage reports on file. Includes reports from Maintenance, Custom lawn
Curbside Green Waste						
Enter program name						
Enter program name						
Enter program name						
Christmas Tree Program						
Enter program name						
Other Residential Composting (list each program separately)						
Hauler, manure collection program	2315	0.9%	Horse manure		Weights provided by haulers	
Hauler reported residential greenwaste	12924	4.5%	Greenwaste			Hauler records on file at SWMD. Includes curbside residential greenwaste. Was chipped and reused by landscapers
Enter program name						
Enter program name						
Enter program name						
Subtotal, Residential Composting	26517	10.2%				
Subtotal, Residential Diversion	36400	14.0%				
Non-Residential Source Reduction Activities						
No+Residential Waste Audits*	2275	0.8%			See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)						
Grass recycling at 8 county parks, regional cemeteries, schools and golf courses	4838	1.9%	Grass		Study on grassrecycling done in UVC-records on file at SWMD	
Food share (food bank)	1450	0.6%	Food		Reports on file at SWMD	
Commercial greenwaste pick-up					Compiled from hauler quarterly reports to SWMD, in 2001 hauler database, includes subtraction of 378.83 tons taken by contracted haulers to SVLRC and separately reported by SVLRC as well as 15.56 tons taken by contracted haulers to Calabasas and separately reported to Calabasas	
					Tons broken down by recycling location, provided by Ventura Public Works Agency	
Public Works tree trimming	3233	1.2%	Greenwaste			
Public Works concrete/asphalt reuse	1898	0.7%	Greenwaste			
	3	0.0%	Concrete/asphalt		2200 tons of inert material were recycled by VCPWA crews in 2000, but nearly all of this went to inert facilities counted in items 3A and 3B. Approximately 3 tons were used on road shoulders or ranches rather than being taken to these facilities. Calculation from Public Works Agency. Crushed asphalt = 45 pounds per cubic foot; loos, broken concrete = 1855 pounds per cubic yard. Source - CIWMB 1989 conversion factors	

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Agenda Item
Attachment 2a

Division/Activity	Actuals	Total Generation	Specific Material Types (List operation w/multiple materials)	Type of Resource and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmbc.ca/dw/LGCentra/Pass/CodeReduce.htm	(A)	(A) Total Generation		
Subtotal, Non-Residential Source Reduction	13885	5.3%		

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Diversions Activity	Actual tons	Relative Percent to Total Generation	Specific materials Type (check all that apply) (If more than one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwrbc.ca.gov/1_GCentral/Paris/CodeReduce.htm					
Non-Residential Waste Audits*	4420	1.1%			
Other Non-Residential Recycling (list each program separately)					
Collection at buyback centers	379	0.1%	Cardboard, paper	Actual scale weights	Tonnage report on file at SWMID
Commercial recycling through contracted haulers	2532	1.0%	Glass and plastic bottles, aluminum and steel cans, newspaper, cardboard, mixed paper, magazines, phone books, chip board	Actual scale weights provided by haulers	Hauler quarterly reports on file with SWMID
Sawdust recycling	100	0.0%	Sawdust		Tonnage reports on file at SWMID
Tire recycling	84	0.0%	Tires	20 lbs each (small), 60 lbs each (large tire)	Volume reports
Subtotal Non-Residential Recycling	7535	2.3%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*	340	0.%			
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	340	0.4%			
Subtotal Non-Residential Diversion	21530	8.3%			
Residential/Non-Residential Diversions Activities					
ADC	5593	2.2%	Greenwaste	Scale weights from Simi Valley and Calabasas landfills	DRS records from LA County Sanitation District on file at SWMID
Sludge	6891	2.8%	Sludge dry tons	Actual weights provided by facilities	Tonnage reports from Ojai Valley Sanitary District, Camarosa, Ventura Regional Sanitation District, Ventura County Waterworks
Scrap Metal					
Construction and Demolition	7530	28.9%	Concrete, asphalt	Concrete - 1 cubic yard = 1855 lbs; crushed asphalt paving = 1380 lbs	Weights provided by generators; all sources and specific tonnages reported are listed in attachment 9
Landfill Salvage	9165	3.3%	Concrete, greenwaste	Scale weights from Simi Valley Landfill and Chiquita Landfill	DRS record on file at SWMID
Subtotal Residential/Non-Residential Diversion	97300	37.3%			
Total Res/Non-Res. Source Reduction Tons	13919	5.3%			
Total Diversion Tons	1553340	59.5%			
Total Disposal Tons from Sec. 7	105793	40.5%			
Total Generation Tons (Div+Dis)	261133				

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Attachment 2a

Diversion Activity	Actual tonnage	Total Generation	Specific Material Types (List operation by multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmib.ca.gov/GCentralParts/CDdesReduced.htm	[A]	(Actual Generation)			

Diversion Rate

5%

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.
(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling) (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (In Section 8)	Survey Method
								Phone (P) Mail (M) On-site (O) Other
College	C-13	grasscycling, property reuse, concrete reuse, electronic form (plus other recycling that is included in a commercial hauler's report)	20264			20263.5	7.8%	
Packing House	F-2	splits and rots to cattle feed		700		700	0.3%	
Packing House	B-5	citrus waste to cattle feed		872		872	0.3%	
Dairy	D-1	recycling of OCC and glass; source reduction of paper, repair of pallets, return of pallets and drums to vendors	138	291		428.6	0.2%	
Golf course	E-1	Grasscycling, greenwaste collection	671	63		733.82	0.3%	
Golf course	S-2	Grasscycling, greenwaste collection	915	53	274	1241.5	0.5%	
Federal Facility	P-7	mixed paper, cardboard, and toner cartridge recycling; equipment donation; vehicle parts reuse; medical equipment donation; reuse of textiles; resale of office supplies, golf course recycling	10150	146		10296	3.9%	
Golf course	L-3	Grasscycling, tree trimming	762	105		867.3	0.3%	
Engineering	R-1	Concrete reuse, scrap metal recycling, mixed paper, shredded paper, leger, toner cartridge and OCC recycling; weed mulching; furniture donation	12310	2410		14719.7	5.6%	
Packing House	L-4	Fruit cull disking, grasscycling	256	825		1081.1	0.4%	
		Totals				51203.52	19.6%	
						45465.08	5464.4	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling; quantified by monthly tonnage receipts provided by the contact person at the business).

Grasscycling: C-13, 7.6 ton/acre; E-1, turf area = 88 acres \times 7.623 tons/acre; S-2, turf area = 120 acres \times 7.623 tons/acre; L-3, turf area = 100 acres \times 7.623 tons/acre
Property reuse: C-13, based on an estimate
Concrete reuse: C-13, based on the college recycling coordinator's report; R-1, average truckload 21.5tons/truck \times 567 loads
Electronic form: C-13, based on an estimate
Greenwaste collection: E-, 40 cy roll offs \times 6/year \times 240cy/cy \times 572 lbs/cy; S-2, 40 cy roll-offs \times 26 \times 527 lbs/cy
Organic Materials: Packing house F-2, company manager estimate; Packing house B-5, 109 loads @ 8 tons/load;L-4, based on an estimated 1.5 million field boxes/yr of lemons at 55lbs/box, estimates 2% are damaged and disked.

Mixed paper:P-7 from federal solid waste report

Scrap metal: R-1, based on an estimate

Pallets: Dairy D-1, and Bottling P-2, pallets @ 40 lb ea.

Cardboard: Dairy D-1, # bales \times 400 lb/bale; Federal Facility P-7, from federal solid waste report, R-1 from consultant's solid waste report.

Glass: Dairy D-1, 2160 lb/cu yd (FEECO)

Toner cartridge recycling; equipment donation; vehicle parts reuse; medical equipment donation; reuse of textiles; resale of office supplies: from P-7, from federal solid waste report 3-27-01.

Mixed paper, shredded paper, leger, toner cartridge; weed mulching; furniture donation: R-1, from consultant's solid waste report

Business Type	Conversion Factors and Sources	Diversion Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
A1 Organics Processor	per company owner; estimates that 1,500 tons of material year is diverted. See Section 7 & 8	Composting	Organic	Organic Material	1,500.00				
A3 Military Facility	per contact, ANG; 1000 lbs/yr of al cans collected.	Recycling	Metal	Aluminum Cans	0.50	0.500			
A3	per contact, 23.5 tons/yr of misc equipment to DRMO .	Source Reduction	Other	Misc. Equipment	23.50		23.500		
A3	per contact , .75 tons/yr.	Source Reduction	Pallets		0.75		0.750		
A3	per contact, 31 acres x 7,623 tons/acre/yr = 236,313 tons/yr. See Section 7 & 8.	Source Reduction	Organic	Grasscycling	236.31				
A3	per contact, 10.5 tons/yr. (Already included in 'Green Waste Drop Off numbers.)	Recycling	Organic	Tree Trimmings	10.50	* Sec 7 & 8			
B1 Cemetery	per contact 12 acres x 7,623 tons/acre/yr = 91,476 tons/yr of grass clippings are collected and taken to an avocado ranch next door for spreading as mulch. 12 acres x 6.5 tons/acre/yr = 78 tons/yr; source: C!WMB DSG reference to California Turf grass Culture article.	Source Reduction	Organic	Grasscycling	91.48			*Sec. 7 & 8	
B1	per contact, (2) 40 cy roll-offs worth of material are chipped and hauled to avocado ranch next door for mulching 80 cy/yr x 527 lbs/cy (Telleus) = 21 tons/yr. (Already included in 'Green Waste Drop Off numbers)	Recycling	Organic	Tree Trimmings	21.08	21.080			
B2 Nursery	per contact, manure is collected from surrounding horses and delivered to this site; Baron estimates one ton/wk x 52 wks/yr = 52 tons/yr.	Composting	Organic	Horse Manure	52.00				
B5 Packing House	per contact, they hauled 109 loads of lemons from Buena Ventura packing house at avg 8 tons/load in 2000 = 872 tons/yr.	Recycling	Organic	Food-Lemons	872.00	872.000			
B6 Retail Hardware	per owner, 30 pallets/mo returned x (40 lbs/ea / 5 avg uses = 8 lbs USEPA) x 12 mos/yr = 1.44 tons/yr.	Source Reduction	Pallets		1.44		1.440		
B6	per owner, 120 pallets/yr used as firewood x 40 lbs/ea = 2.4 tons/yr.	Recycling	Pallets		2.40	2.400			
B6	per owner, 3 cy/yr of scrap wood is donated x 329.5 lbs/cy (Telleus) = 49 tons/yr.	Source Reduction	Organic	Wood	0.49		0.494		
B6	per owner, hauler collects 5.4 cy/wk x 50.08 lbs/cy (Telleus) x 52 wks/yr = 7 tons/yr- already counted. See section 7-8.	Recycling	Paper	Computers	7.08	*Sec. 7 & 8			
B6	per owner, hauler collects 0.6 cy/wk mixed paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 5.67 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' number)	Recycling	Paper	Mixed Office Paper	5.60	*Sec. 7 & 8			

ID	Business Type	Conversion Factors and Sources	Diversion Activity	Waste Category	Waste Generation	Recycling	Source Reduction	Composting	Organic Material	Grasscycling
B7	Inerts Processor	per contact, facility was not able to breakdown materials by jurisdiction but are able to by material - 1350 tons/yr base material. Total amount of concrete/asphalt for UVC = 225.85 tons/yr. 68.52% Concrete = 925 tons x 13.85% est. from UVC = 128.1 tons.	Recycling	Construction & Demolition	Concrete	128.10	*Sec. 7 & 8			
B7		per contact, facility was not able to breakdown materials by jurisdiction but are able to by material - 1350 tons/yr base material. Total amount of concrete/asphalt for UVC = 225.85 tons/yr. 31.48% asphalt = 427.98 tons x 23% est from UVC = 97.74 tons/yr.	Recycling	Construction & Demolition	Asphalt	97.74	*Sec. 7 & 8			
B7		per contact, 20 tons/yr;20 tons/asphalt grindings x 23% est from UVC = 4.6 tons/yr	Source Reduction	Construction & Demolition	Asphalt Grindings	4.60		* Sec 7 & 8		
B7		per contact, 377 tons/yr; 377 tons/dirt x 13.85% est. from UVC = 52.21 tons/yr	Source Reduction	Construction & Demolition	Dirt	52.21		* Sec 7 & 8		
B7		per contact, 681 tons/yr; 681 tons rip rap x 13.85% est. from UVC = 94.31 tons/yr	Source Reduction	Construction & Demolition	Rip Rap (River Rock)	94.31		* Sec 7 & 8		
C1	Packing	per manager, company generates (2) 40 cy roll-offs/wk six months of the year (Jan - Jun); JB estimates that each roll-off is approx 7 tons. (2) x 7 tons = 14 tons/wk x 26 wks/yr = 364 tons/yr; material is used as cattle feed but not, according to H Cattle, to them.	Recycling	Organic	Organic Material	364.00	364.000			
C10	Tires	per contact, 2000 tires were recapped in year 2000 x 60 lbs/ea (60-100 lbs/ea USEPA) = 60 tons. See Section 7 & 8. (Already counted in 'Tire Recycling Diversion' number)	Recycling	Special Waste	Tires	60.00	*Sec. 7 & 8			
C11	Cemetery	per manager, facility has 30 acres of lawn that is grasscycled; 30 acres x 7.623 tons/acre/yr = 228.69 tons/yr; source CIWMB DSG reference to California Turfgrass Culture article. See Section 7 & 8. (Already counted in 'UVC-nonresidential grasscycling' number)	Source Reduction	Organic	Grasscycling	228.69		*Sec. 7 & 8		228.69
C13	College	per Ass't Director Grounds, 20,000 tons of concrete rubble from buildings removed in 2000 was crushed and used on site.	Recycling	Construction & Demolition	Concrete	16,250.00	*Sec. 7 & 8			
C13		CSUCI AB 75 report to CIWMB (5-23-01). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	243.00		*Sec. 7 & 8		243.00
C13		CSUCI AB 75 report to CIWMB (5-23-01)	Source Reduction	Other	property reutilization	20.00		20.000		
C13		CSUCI AB 75 report to CIWMB (5-23-01)	Source Reduction	Paper	Electronic Forms	0.50		0.500		

ID	Business Type	Conversion Factors and Sources	Diversify Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
C13		17.9 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted haulers' number)	Recycling	Other	Mixed Beverage Container	17.90	*Sec. 7&8			
C13		11.9 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Recycling	Paper	Cardboard	11.90	*Sec. 7&8			
C13		2.3 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Recycling	Glass		2.30	*Sec. 7&8			
C13		1.9 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Recycling	Paper	Newspaper	1.90	*Sec. 7&8			
C13		83.4 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Recycling	Paper	Mixed Office Paper	83.40	*Sec. 7&8			
C13		2.38 tons; CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Recycling	Plastic		2.38	*Sec. 7&8			
C13		22.2 tons CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8.	Recycling	Metal	Scrap Metal	22.20	*Sec. 7&8			
C13		107.8 tons CSUCI AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already included in 'Green Waste Drop-off number')	Composting	Organic	Green Waste	107.80				*Sec. 7&8
C15	Lawn Service	per Dan Manther, Mgr. company generates 3 tons/day of materials x 5 days/wk x 52 wks/yr = 780 tons/yr; DM estimates that 5% of his business is performed in UVC, for a total of 39 tons/yr - materials are taken to an avocado ranch and spread for mulch.	Recycling	Organic	Tree Trimmings	39.00	39.000			
C2	State Facility	per Chief of Plant Operations: 90 pallets/yr scavenged x 40 lbs/ea (USEPA) = 1.8 tons/yr.	Source Reduction	Pallets		1.80	1.800			
C3		per Chief of Plant Operations based on recycling collection frequency, (10) 4 cy bins collected 3x/wk = 120 cy/wk x 50.08 lbs/cy (Tellius) x 52 wks/yr = 156 tons/yr. (Already counted in 'Commercial recycling through contracted hauler')	Recycling	Paper	Cardboard	156.25	* Sec 7 & 8			
C2		per Chief of Plant Operations based on recycling collection frequency, 5 cy/mo white ledger x 363.53 lbs/cy (USEPA) x 12 mos/yr = 10.9 tons/yr.	Recycling	Paper	White Ledger Paper	10.91	* Sec 7 & 8			

ID	Business Type	Conversion Factors and Sources	Diversion Rate Quantity	Waste Type Category	Material Type	Tons	Recycling	Sources Reduction	Compost	Grasscycling
C3	Church	per contact, (.1) .33 gal container of mixed paper/mo recycled x 25.41 lbs (USEPA) 12 mo/yr = 305 lbs/yr.	Recycling	Paper	White Ledger Paper	0.15	0.152			
C3		per contact, 1 acre of turf is grasscycled x 7.623 tons/acre/yr = 7.623 tons/yr (CIWMB DSG California Turfgrass Culture article). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	7.62		*Sec. 7&8		7.62
C4	Recreation	per Director, 0.8 acres of lawn x 7.623 tons/acre/yr = 6.0984 tons/yr (CIWMB DSG California Turfgrass Culture article). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	6.10		*Sec. 7&8		6.10
C4		per Director, 25 lbs/wk food donated 12 wks/yr and 10 lbs/wk donated 40 wks/yr = .35 tons/yr.	Source Reduction	Organic	Food	0.35				0.350
C4		per Director, hauler collects 3 cy/wk of OCC x 50.08 lbs/cy (Tellius) x 52 wks/yr = 3.9 tons/yr - already counted. See section 7-8. (Already included in 'Commercial recycling through contracted haulers')	Recycling	Paper	Cardboard	3.91		*Sec. 7&8		
C5	Recreation	per Camp Director, 12 cy/yr of chipped material x 527 lbs/cy (Tellius) = 3.16 tons/yr.	Recycling	Organic	Tree Trimmings	3.16				3.160
C5		per Camp Director, 12 pallets/yr burned as fire wood x 40 lbs/ea (USEPA) = 24 tons.	Recycling	Pallets		0.24				0.240
C5		per Camp Director, 1.5 cy/wk OCC collected by hauler x 50.08 lbs/cy (Tellius) x 52 wks/yr = 1.95 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' numbers)	Recycling	Paper	Cardboard	1.95		*Sec. 7&8		
C5		per Camp Director, 1-33 gal container/wk office paper recycled by hauler x 52 wks/yr x 25.41 lbs/container (USEPA) = .66 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' number)	Recycling	Paper	Mixed Paper	0.66		*Sec. 7&8		
C5		per Camp Director, 100 tin cans recycled by hauler/mo x 12 mos x .77 lbs/can (USEPA) = .46 - already counted. See section 7-8. (Already included in the 'Commercial recycling through contracted haulers' number)	Recycling	Metal	Tin & Aluminum Cans	0.46		*Sec. 7&8		
C5		per Camp Director, misc plastics recycled by hauler = .12 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' number)	Recycling	Plastic	HDPE Plastic	0.12		*Sec. 7&8		
C6	Wastewater Treatment	per Eng Services Mgr; facility hauled 345 tons/yr of biosolids to Kern County for cotton and alfalfa crops.	Recycling	Special Waste	Sludge	345.00	* Sec 7 & 8			

ID	Business Type	Conversion Factors and Sources	Diversify Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
C7	Hospitality	per Mnt Sprvrs, 120 cy/yr tree chippings used as mulch x 527 lbs/cy (Tellus) = 31.6 tons/yr. (Already included in 'Green Waste Drop-Off' number)	Recycling	Organic	Tree Trimmings	31.62	* Sec 7 & 8			
C7		per Mnt Sprvrs, 10 cy/yr wood burned as fire wood x 329 lbs/cy (Tellus) = 1.6 tons/yr.	Recycling	Organic	Firewood	1.65	1.645			
C7		per Mnt Sprvrs, hauler collects 6 cy/wk OCC x 50.08 lbs/cy (Tellus) x 52 wks/yr = 7.8 tons/yr - already counted. See Section 7 & 8. (Already included in 'Green Waste Drop-off' number)	Recycling	Paper	Cardboard	7.81	*Sec. 7&8			
C7		per Mnt Sprvrs, hauler collects 1 cy/wk of mixed office paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 9.45 tons/yr - already counted. See Section 7 & 8. (Already counted in 'Commercial Recycling through contracted haulers' number)	Recycling	Paper	Mixed Office Paper	9.45	*Sec. 7&8			
C8	Roofing	per Owner, company sets out 10 pallets/mo for scavengers x 40 lbs/ea (USEPA) x 12 mos/yr = 2.4 tons/yr.	Source Reduction	Pallets		2.40	2.400			
D1	Dairy	per Plant Mgr, 18 bales/wk of OCC x 400 lbs/bale (UCLA) x 52 wks/yr = 187.2 tons/yr.	Recycling	Paper	Cardboard	187.20	187.200			
D1		per Plant Mgr, (1) 4 cy bin of broken bottles 2 x/mo = 8 cy/mo x 12 mos/yr x 2160 lbs/cy (FEECO) = 103.7 tons/yr.	Recycling	Glass		103.68	103.680			
D1		per Plant Mgr, company has reduced paper usage from previous years through emailing, double-sided copying by 2 cases/mo x 12 mos/yr x 50 lbs/case (USEPA) = .6 tons/yr.	Source Reduction	Paper		0.60	0.600			
D1		per Plant Mgr, (20) 55 gal drums returned to vendor/mo x 12 mos x 15 lbs/ea (UCLA) = 1.8 tons/yr.	Source Reduction	Plastic		1.80	1.800			
D1		per Plant Mgr, 500 pallets/wk returned to vendors x (40 lbs / 5 avg. uses = 8 lbs USEPA) x 52 wks/yr = 104 tons/yr.	Source Reduction	Pallets		104.00	104.000			
D1		per Plant Mgr, 30 pallets/wk damaged and returned for repair x 40 lbs/ea (USEPA) x 52 wks/yr = 31.2 tons/yr.	Source Reduction	Pallets		31.20	31.200			
E1	Golf Course	per Sprndnt, 88 acres grass x 7.623 tons/acre/yr = 670.82 tons/yr, source California Turfgrass Culture article. See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	670.82	*Sec. 7&8	670.82		
E1		per Sprndnt, estimates approx (6) 40 cy roll-offs/yr/year = 240 cy/yr x 527 lbs/cy (Tellus) = 63 tons/yr. (Already included in 'Green Waste Drop-off' number)	Recycling	Organic	Tree Trimmings	63.24	* Sec 7 & 8			
F1	Builders Supply	per contact, 40 pallets/mo exchanged x (40 lbs/ea / 5 avg uses = 8 lbs USEPA) x 12 mos/yr = 1.92 tons/yr.	Source Reduction	Pallets		1.92	1.920			

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ID	Business Type	Conversion Factors and Sources	Diversion Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
F1		per contact, 50 pallets are scavenged every 4 mos = 150 pallets/yr x 40 lbs/ea = 3 tons/yr.	Source Reduction	Pallets		3.00		3.000		
F1		per contact, 1 cy/wk of OCC collected by hauler x 50.08 lbs/cy (Telleus) x 52 wk/yr = 1.3 tons/yr already counted. See section 7-8. (Already included in 'Green Waste Drop-off' number)	Recycling	Paper	Cardboard	1.30	*Sec. 7 & 8			
F2	Packing House	per Mgr., company uses two separate cattle ranchers to send their splits and rots to for use as cattle feed; JS estimates that in 2000, the company hauled 700 tons of this material.	Recycling	Organic	Splits and Rots	700.00	700.000			
F3	Composting Farm	per owner, company collected 500 lbs/wk x 52 wks/yr = 13 tons/yr from businesses in unincorp area including Jolly Cone, Java Heaven, Ranch House, Farmer and the Cook.	Composting	Organic	Food Waste	13.00		13.000		
G2	Inerts Processor	per contact, facility does minimal crushing, estimating that he does 20,000 tons/yr; Facility started operation after 1994; 50 % of the from the general public, though they don't track the jurisdiction; 50% comes from an on-site asphalt plant; Only material coming from the general public will be counted for 2000. Total allocation to UVC for concrete/asphalt = 1,673 tons/yr .68.52% Concrete = 6,852 tons x 13.85% est. from UVC = 949 tons/yr to UVC.	Recycling	Construction & Demolition	Concrete	949.00	* Sec 7 & 8			
G3		per contact, facility does minimal crushing, estimating that he does 20,000 tons/yr; Facility started operation after 1994; 50 % of the from the general public, though they don't track the jurisdiction; 50% comes from an on-site asphalt plant; Only material coming from the general public will be counted for 2000. Total allocation to UVC for concrete/asphalt = 1,673 tons/yr .31.48% Asphalt = 3,148 tons x 23% est. from UVC = 724 tons/yr to UVC.	Recycling	Construction & Demolition	Asphalt	724.00	* Sec 7 & 8			
	Inerts Processor	per owner, recycling at plant in Satcoy, recycled 30,000 tons in 2000 of left over Ready Mix that came back on trucks that had not been used; his facility at 3500 Grimes Canyon Road did not do any recycling. 30,000 tons/yr x13.85% est. from UVC = 4,155 tons/yr.	Recycling	Construction & Demolition	Concrete	4,155.00	* Sec 7 & 8			
H3	Mulching	per Vice President, company has been grinding wood scraps since 1986 with a large hog grinder; the material is then sent to various companies for use as dust control mulch for flower growing operation, and bedding for horse breeders; DH estimates 100 tons/yr of material. (Already included in 'Regional Organics Diversion' number)	Recycling	Organic	Wood Scraps	100.00	*Sec. 7&8			

Business Type	Conversion Factors and Sources	Diversified Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Concrete	Grasscycling
H4 Inerts Processor	per contact, rec'd fax stating that 90,000 tons concrete and 60000 tons asphalt was recycled in 2000. However, facility opened in 1987, so not all material is counted. Contact estimated that tonnage increased by 50 percent since 1990, therefore the countable difference is 75,000 tons/yr for year 2000. Total allocation to UVC for concrete/asphalt = 13,135 tons/yr. 45,000 tons Concrete x 13.85% est. from UVC = 6,235 tons/yr to UVC.	Recycling	Construction & Demolition	Concrete	6,235.00	* Sec 7 & 8			
H4	per contact, rec'd fax stating that 90,000 tons concrete and 60000 tons asphalt was recycled in 2000. However, facility opened in 1987, so not all material is counted. Contact estimated that tonnage increased by 50 percent since 1990, therefore the countable difference is 75,000 tons/yr for year 2000. Total allocation to UVC for concrete/asphalt = 13,135 tons/yr. 30,000 tons Asphalt x 23% est. from UVC = 6,900 tons/yr to UVC.	Recycling	Construction & Demolition	Asphalt	6,900.00	* Sec 7 & 8			
I1 Cemetery	per contact, facility has 35 acres of turf they mow and collect clippings and take to undeveloped land to spread as mulch 35 acres x 7.623 tons/acre/yr = 266.805 tons/yr; source: CIWMB DSG reference to California Turfgrass Culture article (Already included in UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	266.81		*Sec. 7&8		
I1	per contact; facility chips 80 cy/yr of tree and shrub trimmings = 80 cy/yr x 527 lbs/cy (Tellus) = 21 tons. (Already included in 'Green Waste Drop-Off)	Recycling	Organic	Tree Trimmings	21.08	* Sec 7 & 8			
L1 Recreation	per Mnt Sprvrs, 3.5 acres grass clippings are mulched x 7.623 tons/acre/yr (CIWMB DSG Cal Turfgrass Culture) = 26.6805 tons/yr. See Section 7 & 8. (Already included in UVC-non-residential grasscycling)	Source Reduction	Organic	Grasscycling	26.68		*Sec. 7&8		
L1	per Mnt Sprvrs, 50 cy/mo of tree and shrub trimmings x 5400 lbs/50 cy (USEPA) x 12 mos/yr = 32.4 tons - used as fish habitat in water near shore.	Recycling	Organic	Tree Trimmings	32.40	32.400			
L3 Country Club	per Grounds Sprintdnt, 100 acres grass x 7.623 tons/acre/yr = 762.3 tons/yr; source: California Turfgrass Culture article. See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Source Reduction	Organic	Grasscycling	762.30		*Sec. 7&8		
L3	per P. Hernandez, tree trimmers hauled away (10) 40 cy rolloffs/yr = 400 cy x 527 lbs/cy (Tellus) = 105 tons/yr. (Already included in 'Green Waste Drop-off)	Recycling	Organic	Tree Trimmings	105.40	* Sec 7 & 8			

ID	Business Type	Conversion Factors and Sources	Division Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
L4	Packing House	per Pete Dinkler; Company generates 1.5 million field boxes/yr in the packing house (not the field). 2% of the boxes at 55 lbs/ea (per PD) are damaged and disked back into the ground (15 years ago this material was all landfilled). 1.5 m x 2% x 55 lbs/ea = 825 tons/yr.	Source Reduction	Organic	Food					825,000
I4		per Ron Hendrin, facility has 33.6 acres of grasscycling x 7,623 tons/acre/yr = 256.13 tons/yr (CIWMB DSG California Turfgrass Culture). See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Source Reduction	Organic	Grasscycling	256.13		*Sec. 7 & 8		256.13
M2	Golf Course	per Head Groundskeeper, facility has 50 acres of turf that is grasscycled x 7,623 tons/acre/yr = 381.15 tons/yr. See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Source Reduction	Organic	Grasscycling	381.15		*Sec. 7 & 8		381.15
M2		per Head Groundskeeper, facility chips trees and generates approx 80 cy/yr of tree trimmings x 527 lbs/cy ('Tellus') = 21 tons. (Already included in 'Green Waste Drop-off')	Recycling	Organic	Tree Trimmings		21.08	* Sec 7 & 8		
N1	Recreation	per Park Ranger, facility composts employee food scraps and horse manure from 3 horses = 1.35 tons/yr.	Composting	Organic	Food Scraps	1.35				1.350
O1	Nonprofit	per Director, facility generates 40 cy/mo of tree and brush trimmings x 527 lbs/cy ('Tellus') x 12 mos/yr = 126.48. (Already included in 'Green Waste Drop-off')	Recycling	Organic	Tree Trimmings	126.48		* Sec 7 & 8		
O1		1.5 tons misc cardboard, al cans, and HDPE also collected by hauler and already counted. See Section 7 & 8. (Already included in 'Commercial recycling through contracted hauler')	Recycling		Paper		1.50	*Sec. 7&8		
O2	Wastewater Treatment	per Operations Sup't, 584 tons/yr of dry biosolids sent to an off-site composter in Kern County. (Already included in 'Sludge' number)	Recycling	Special Waste	Sludge	584.00		* Sec 7 & 8		
O3	Nursery	per company rep, they took back 12,000 (5 gal) plastic planting containers to growers x 9 lbs/ea (for a 3 gal container, UCL/A) = 5.4 tons/yr.	Source Reduction	Plastic		5.40				5.400
P2	Bottling	per Production Availability Sprvsr, 3500 pallets/mo reused x (40 lbs / 5 avg uses = 8 lbs) (USEPA) x 12 mos = 168 tons/yr.	Source Reduction	Pallets		168.00				168,000
P2		per Production Availability Sprvsr, based on recycling collection frequency of (1) 4 cy/wk x 50.05 lbs/cy ('Tellus') x 52 wks/yr = 5.2 tons/yr. (Already included in 'Commercial Recycling through contracted hauler')	Recycling	Paper	Cardboard	5.20	* Sec 7 & 8			

ID	Business Type	Conversion Factors and Sources	Diversion Activity	Material Category	Material Type	Reductions	Recycling	Source Reduction	Compost	Grasscycling
P4	Tire Service	per contact, approx (6) rolloffs/yr holding 100 truck tires (60 lbs/ea) and 100 passenger tire (20 lbs/ea). 100 x 60 lb/tire (USEPA) = 6,000 lbs. 100 x 20 lb/tire (USPEPA) = 2000 lbs. 6 x 8000 lbs = 24 tons/yr USEPA. See Section 7 & 8. (Already included in 'Tire Recycling Diversion')	Recycling	Special Waste	Tires		24.00	*Sec. 7&8		
P7	Federal Facility	per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ Tom Webb at Pt. Mugu.	Recycling	Plastic	Toner Cartridges		4.57	4.570		
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb; materials collected by Moral Welfare Group	Recycling	Plastic			7.89	7.890		
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb (paper went to Golden State Fibers).	Recycling	Paper	Mixed Paper & Cardboard		124.74	124.740		
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb.	Recycling	Glass			8.56	8.560		
P7		per contact, Golf Course Mgmt: 60 acres of turf is grasscycled x 7.623 tons/acre/yr = 457.38 tons/yr CIWMB DSG Cal Turfgrass Culture. See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling		457.38		*Sec. 7&8	457.38
P7		per contact, approx 80 cyr of chipped material is generated x 527 lbs/cy (Tellus) = 21 tons/yr. (Already included in 'Green Waste Drop-off' number.)	Recycling	Organic	Tree Trimmings		21.08	* Sec 7 & 8		
P7		per contact, Disposal Specialist, 75 tons of equipment (including computers) donated to schools.	Source Reduction	Other	property reutilization		75.00	75.000		
P7		per contact, 2.2 tons/yr nonscrap metal vehicle part from four sales in 2000 (500-600 lbs per lot with two lots per sale).	Source Reduction	Metal			2.20	2.200		
P7		per contact, 1.3 tons/yr medical equipment, including obsolete materials and seven examining tables at 100 lbs/ea.	Source Reduction	Other	Medical Equipment		1.30	1.300		
P7		per contact, 0.4 old or damaged uniforms sent to other bases for use while painting or other similar duty.	Source Reduction	Organic	Textiles		0.40	0.400		
P7		per contact, .35 tons office supplies re-sold through commercial venture.	Source Reduction	Other	Office Supplies		0.35	0.350		
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb (foundations and wood). See Section 7 & 8.	Recycling	Construction & Demolition					*Sec. 7&8	
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb (concrete and asphalt). See Section 7 & 8.	Recycling	Construction & Demolition					*Sec. 7&8	

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ID	Business Type	Conversion Factors and Sources	Division Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Graywater
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb. See Section 7 & 8. (Commercial recycling through contracted haulers)	Recycling	commingled recyclables			*Sec. 7&8			
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T Webb. See Section 7 & 8.	Composting	Organic	Green Waste					*Sec. 7&8
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T Webb. See Section 7 & 8. (Already counted in 'Green Waste Drop-off number)	Recycling	Organic	Wood					*Sec. 7&8
P7		per NBVC Point Mugu 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T Webb. See Section 7 & 8.	Recycling	Metal						*Sec. 7&8
R1	Engineering	9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility.	Recycling	Paper	Mixed Office Paper	15.66	15.660			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility.	Recycling	Paper	White Ledger Paper	10.49	10.490			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility.	Recycling	Paper	Cardboard	21.60	21.600			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility.	Recycling	Paper	Shredded Paper	12.96	12.960			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility. (Already included in 'Commercial Recycling through contracted hauler' number)	Recycling	Glass	Glass Beverage Containers	4.31	* Sec 7 & 8			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility. (Already included in 'Commercial Recycling through contracted hauler' number)	Recycling	Plastic	Plastic Beverage Containers	12.80	* Sec 7 & 8			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility. (Already included in 'Commercial Recycling through contracted hauler' number)	Recycling	Metal	Aluminum Beverage Container	22.87	* Sec 7 & 8			
R1		9-20-01 report from RSI Consulting Services who handles all waste diversion activities for facility.	Recycling	Plastic	toner cartridges	9.01	9.010			
R1		per contact 10-01-01; Co. Safety, Health, and Environmental Div - estimates 2300 tons/metal recycled from contractors.	Recycling	Metal	Scrap Metal	Not counted	* Sec 7 & 8			
R1		per contact, Warehouse - (1.5) 40 cy/roll-offs/wk with furniture and office equipment for an avg of 50 tons/yr.	Source Reduction	Special Waste	Office Furniture	50.00	50.000			
R1		per Landscape Mgr. weeds shredded and spread on property (6) 40 cy roll-offs/yr x 320 lbs/40 cy (USEPA) = 12.96 tons/yr.	Recycling	Organic	Mulch & Weeds	12.96	12.960			

Business Type	Conversion Factors and Sources	Diversion Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
R1	per contact,debris was created in both 1999 and 2000; 567 loads hauled away in 2000; per TV, avg truckload was 21.6 tons.	Recycling	Construction & Demolition	concrete	12,247.20	Not Counted			
R2 Research	per Pres. they collect 10 tons/yr of office paper. per Mgr 1500 lbs/yr of books/periodicals donated to local organizations.	Recycling Source Reduction	Paper	Mixed Office Paper	10.00	10,000			
R2	per contact, estimates they have eliminated 50 reams paper/yr x 5 lbs/ream (USEPA) = .125 tons/yr.	Source Reduction	paper	Books & Periodicals	0.75		0.750		
R2	per Landscape Mntance contractor, there are 18 acres of grass, 15 of which are grasscycled x 7,623 tons/acre/yr = 114,345 tons/yr CIWMB DSG reference to California Turfgrass Culture article. See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	114.35		*Sec. 7&8		
R2	per contact, 100 computers (monitors, CPUs, keyboards at 56 lbs/ea (USEPA) = 2.9 tons.	Source Reduction	E-Waste	Computers	2.90		2,900		
R2	per contact, 40 printers/faxes x 25.33 lbs/ea (USEPA) = .5 tons/yr.	Source Reduction	E-Waste	Printers	0.51		0.500		
R2	per contact, 35 trees/yr are trimmed at 400 lbs/tree est. (E Tseng) = 7 tons. (Already included in 'Green Waste Drop-off' number)	Recycling	Organic	tree trimmings	7.00	* Sec 7 & 8			
R2	per contact, 2 pallets/wk returned for reuse (40 lbs/ea / 5 avg uses = 8 lbs USEPA) x 52 wks/yr = .41 tons/yr.	Source Reduction	Pallets		0.42		0.416		
R2	per contact, 4 boxes/day reused x 2.2 lbs/ea (USEPA) x 5 days/wk x 52 wks/yr = 1.14 tons/yr.	Source Reduction	Paper	Cardboard	1.14		1.144		
R2	per contact, they collected (6) 40 cy rolloffs/yr = 240 cy/yr x 50.08 lbs/cy (Tellus) = 6 tons - already counted. See Section 7 & 8. (Already counted in 'Commercial Recycling through contracted hauler' number)	Recycling	Paper	Cardboard	6.01	*Sec. 7&8			
R2	per contact, they collected (6) 40 cy rolloffs /yr x 4320 lbs/40 cy (USEPA) = 12.96 tons/yr already counted. See Section 7 & 8.	Composting	Organic	Tree Trimmings	12.69		*Sec. 7&8		
R2	per contact, 10 tons/yr recycled but unsure how this compares to 1990, so will not count.	Recycling	Metal			Not Counted			
S2 Country Club	per Grounds Mgr, 120 acres x 7,623 tons/acre/yr = 914,76 tons/yr; source CIWMB DSG California Turfgrass Culture. See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	914.76		*Sec. 7&8		
S2	per contact, estimates equivalency of (5) 40 cy rolloffs trimmings/yr x 527 lbs per cy (Tellus) = 52.7 tons/yr; (Already included in 'Green Waste Drop-off' number)	Recycling	Organic	Leaves & Grass	52.70	* Sec 7 & 8			

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ID	Business Type	Conversion Factors and Sources	Diversions Activities	Material Category	Construction & Demolition	Industrial	Residential	Source Reduction	Landfill	Compost	Grasscycling
S2		per contact, hauler removes chipped green waste (1) 40 cy roll off every 2 wks x 26 wks/yr x 527 lbs/cy (Telleus) = 274 tons/yr.	Composting	Organic	Green Waste	274.04				274.000	
S3	Food Processor	per Ops Mgr; this facility operates 85 days/yr and generates (2) 20 cy rolloffs/day of pepper by-products for cattle feed operation DG estimates rolloff at 8 tons/ea x (2) x 85 days = 1,360 tons/yr.	Recycling	Organic	pepper by-products go to cattle feed	1,360.00	1,360.000				
S5	County Club	per contact, facility does not grasscycle, they take all organics to Ventura Farms for mulching; GR estimates that facility generates 40 cy/wk of material x 4320 lbs/40 cy (USEPA) x 52 wks/yr = 112.3 tons.	Recycling	Organic	Grass	112.32	112.300			112.32	
S6	Inerts Processor	per contact, facility processes 191,600 tons in 2000; material was brought in from various haulers and company does not separate by jurisdiction. Operations began in Nov 1993, so all material counts. Total allocation to UVC for concrete/asphalt = 32,055 tons/yr. 68.52% concrete = 42,482.4 tons x 13.85% est. from UVC = 58833.8 tons/yr to UVC.	Recycling	Construction & Demolition	Concrete	18,182.80	* Sec 7 & 8				
S6	Inerts Processor	per contact, facility processes 191,600 tons in 2000; material was brought in from various haulers and company does not separate by jurisdiction. Operations began in Nov 1993, so all material counts. Total allocation to UVC for concrete/asphalt = 32,055 tons/yr. 31.48% asphalt = 19,517.6 tons x 23% est. from UVC = 4489 tons/yr to UVC.	Recycling	Construction & Demolition	Asphalt	13,872.60	* Sec 7 & 8				
T1	Inerts Processor	per Mgr, facility recycled approx 10,000 tons in 2000; Company has been recycling since before 1990, and Melissa states that there has been an increase of 50 percent since 1990, therefore leaving the countable difference at 5,000 tons/yr. Total to UVC for concrete/asphalt = 836.52 tons/yr. 68.52% concrete = 3,426 tons x 13.85% est. from UVC = 474.5 tons/yr to UVC.	Recycling	Construction & Demolition	Concrete	474.50	* Sec 7 & 8				
T1		per Mgr, facility recycled approx 10,000 tons in 2000; Company has been recycling since before 1990, and Melissa states that there has been an increase of 50 percent since 1990, therefore leaving the countable difference at 5,000 tons/yr. Total to UVC for concrete/asphalt = 836.52 tons/yr. 31.48% asphalt = 1,574 tons x 23% est. from UVC = 362 tons/yr to UVC.	Recycling	Construction & Demolition	Asphalt	362.00	* Sec 7 & 8				
T2	College	per contact, Mntrce Sprvrs, 10 acres grasscycled x 7.623 tons/acre/yr = 76.23 tons/yr CIWMB DSG reference to California Turf grass Culture article. See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	76.23	*Sec. 7&8			76.23	

Business Type	Conversion Factors and Sources	Division Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Grasscycling
T2	per contact, 40 cy/yr of material is chipped x 527 lbs/cy ('Tellsus') = 10.5 tons/yr (Already included 'Green Waste Drop-off' number)	Recycling	Organic	Tree Trimmings	10.54	* Sec 7 & 8			
T2	per contact, 55 gal drums of grease recycled every 3/mos = 110 gal x 4 times/yr x 7.45 lbs/gal = 1.63 tons/yr.	Recycling	Organic	Cooking Grease	1.63	1.630			
T2	per contact, hauler services (1) 3 cy bin/wk of OCC x 52 wks/yr x 50.08 lbs/cy ('Tellus') = 3.9 tons/yr already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Paper	Cardboard	3.91	*Sec. 7&8			
T2	per contact, hauler collects (1) 2 cy bin/wk of office paper x 52 wks/yr x 363.5 lbs/cy (USEPA) = 18.9 tons/yr already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Paper	White Ledger Paper	18.90	*Sec. 7&8			
T2	per contact, 20 cases/mo of al cans recovered x .888 lbs/case (USEPA) x 12 mos = 2.3 lbs/yr. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Metal	Aluminum Cans	0.11	* Sec 7 & 8			
T2	per contact, 265 lbs/yr misc plastic recycled already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Plastic	Misc. Plastic Containers	0.13	*Sec. 7&8			
T4	per contact, 5 acres of lawn grasscycled x 7.623 tons/acre/yr = 38.115 tons (CIWMB DSG Cal. Turfgrass Culture article). See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Source Reduction	Organic	Grasscycling	38.12	*Sec. 7&8			
T4	per contact, (3) 40 cy roll-offs of chipped tree trimmings x 4,320 lbs/40 cy (USEPA) = 6.4 tons/yr. (Already included 'Green Waste Drop-off' number)	Recycling	Organic	Tree Trimmings	6.48	* Sec 7 & 8			
T4	per contact, 25 pallets day exchanged x (40 lbs/ea / 5 avg. uses = 8 lbs USEPA) = 200 lbs/day x 5 days/wk x 52 wks/yr = 26 tons/yr.	Source Reduction	Pallets		26.00		26.000		
T4	per contact, 250 pallets scavenged/yr x 40 lbs/ea (USEPA) = 5 tons/yr.	Source Reduction	Pallets		5.00		5.000		
T4	per contact, hauler collects 8 cy/wk OCC x 50.08 lbs/cy ('Tellsus') x 52 wks/yr = 10.4 tons/yr already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Paper	Cardboard	10.42	*Sec. 7&8			
T4	per contact, hauler collects 1 cy/wk mixed office paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 9.45 tons already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Recycling	Paper	White Ledger Paper	9.45	*Sec. 7&8			

ID	Business Type	Conversion Factors and Sources	Diversions Activity	Recyclable Category	Material Type	Tons	Recycling	Solid Waste Reduction	Compost	Grasscycling
T5	Packing House	per Mgr.; company generated 32 loads of celery waste in 2000; KG estimates each 40 cy roll-off weighs 8 tons x 32 = 256 tons/yr; material was used as cattle feed at H Cattle.	Recycling	Organic	Food Waste	256.00	256.000			
T6	Lumber	per owner, the Mobil Pier was taken down in '98 and '99 and 16 truckloads of wood were taken to Mexico for reuse as gates and materials for shoring up bridges and piers; per RG each truck held 13,000 board feet at 6 lbs/bf x 16 trucks = 624 tons.	Source Reduction	Organic	Lumber	624.00		624.000		
T6		per owner's son, the company also sent 3-4 truckloads of similar lumber to Mexico from other projects (Templeton RR building; therefore 3.5 truckloads x 13,000 board feet x 6 lbs/bf = 136.5 tons.	Source Reduction	Organic	Lumber	136.50		136.500		
T7	Landfill Recycling	per contact, VRSD Envir/Safety Coordinator, notes 2,592 tons of crushed waste cement from unincorporated area contractors used for road base.	Source Reduction	Construction & Demolition	Concrete	2,592.00				
V2	County Office	per contact, 100 gals/3 mos = 400 gals/yr x 7.45 lbs/gal (USEPA) = 1.49 tons/yr.	Recycling	Organic	Cooking Grease	1.49	1.490			
V2		per contact, .25 acres turf x 7.623 tons/acre/yr = 1.90575 tons/yr CIWMB DSG California Turfgrass Culture. See Section 7 & 8.	Source Reduction	Organic	Grasscycling	1.91			*Sec. 7 & 8	
V2		per contact, 3 cy/yr of logs/branches from tree trimming burned x 1080 lbs/cy (Tellius) = 1.62 tons.	Recycling	Organic	Branches & Logs	1.62	1.620			
V2		per contact, 25 pallets/day returned x (40 lbs / 5 uses = 8 lbs) (USEPA) = 200 lbs/wk x 52 wks/yr = 5.2 tons/yr.	Source Reduction	Pallets		5.20		5.200		
V2		per contact, based on recycling collection frequency of 8 cy/mo x 50.08 lbs/cy (USEPA) x 12 mos/yr = 2.4 tons/yr.	Recycling	Paper	Cardboard	2.40	2.400			
V3	Wastewater Treatment	per contact, facility generated 4,330 tons/yr and hauled to ranches in Kern County for land application.	Recycling	Special Waste Sludge		4,330.00	* Sec 7 & 8			
V4	Wastewater Treatment	per Facility Mgr. facility hauled 1,632 tons/yr to ranch in Santa Barbara for land application.	Recycling	Special Waste Sludge		1,632.00	* Sec 7 & 8			
V6	Inerts Processor	per Manager, facility processed 124,000 tons of class II base in 2000, however they opened prior to 1990 (wasn't sure when), but estimates that the tonnage increased by 50 percent, therefore allowing the countable tons at 62,000 tons/yr in 2000. Total allocation to UVC for concrete/asphalt = 10,372.84 tons/yr. 68.52% concrete = 42,482.4 tons x 13.85% est. from UVC = 5883.8 tons/yr to UVC.	Recycling	Construction & Demolition	Concrete	5,883.80	* Sec 7 & 8			

ID	Business Type	Conversion Factors and Sources	Diversification Activity	Material Category	Material Type	Tons	Recycling	Source Reduction	Compost	Glasscycling
V6		per Manager, facility processed 124,000 tons of class II base in 2000, however they opened prior to 1990 (wasn't sure when), but estimates that the tonnage increased by 50 percent, therefore allowing the countable tons at 62,000 tons/yr in 2000. Total allocation to UVC for concrete/asphalt = 10,372.84 tons/yr. 31.48% asphalt = 19,517.6 tons x 23% est. from UVC; =4489 tons/yr to UVC;	Recycling	Construction & Demolition	Asphalt	4,489.00	* Sec 7 & 8			
TOTALS						4,301.337	2,123.94	340.35	4,644.51	

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods

a. If the diversion program started on or after January 1, 1990, complete the following table.

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
concrete/asphalt	Simi Valley Base / Transit Mix	1993	13164
concrete/asphalt	Gillibrand	after 1994	1304
concrete	Lindsey Excavating & Grading	1997	512
concrete	Adobe	1986 but no concrete in '90	5484
concrete	Burhoe Land and Farming	Prior to '90, but no concrete in '90	190
concrete/asphalt	Burhoe Construction	1998 began leasing crusher	28165
concrete/asphalt	Cornerstone/Quest & Fred Eads Construction	1999 began crushing operations; began other operations in 1970	5469
concrete/asphalt	Deconstruction at CSUCI	1999	16250
concrete/asphalt	Deconstruction at Boeing	1992	12247
concrete/asphalt	Beneficial Reuse at Simi Valley Landfill & Recycling Center	Began operation prior to '90, but reported no inert recycling from VC in '90	2132
concrete/asphalt	Beneficial Reuse at Toland Road Landfill	Landfill operated prior to '90, but reported no inert recycling in '90	2592

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec.
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved

Restricted Waste Type	Specific Program Name	Countable UA 2000 Tonnage
concrete/asphalt	Hansen Aggregates	7,522
concrete/asphalt	Vulcan	10,364.00
concrete/asphalt	Tapo Sand & Rock	326

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete

Restricted Waste Type	Specific Program Name	New Base Year or	1990 Diversion	Difference
concrete/asphalt	Hansen Aggregates	135000	75000	60000
concrete/asphalt	Vulcan	124000	62000	62000
concrete/asphalt	Tapo Sand & Rock	10000	5000	5000

Please see additional "Inert All Factors" spreadsheet from VCSWMD, showing other subtractions and allocation to UA.

Before allocating to jurisdictions, tons were subtracted for out-of-county percent, dirt, rock, and stockpile differences between '99 & '00